

Table ENG-3. - Building Site Development

New Kent County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1A:							
Altavista	85	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
2A:							
Altavista	50	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
Dogue	30	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.07	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.07
Roanoke	5	Not Rated		Not Rated		Not Rated	
3A:							
Augusta	80	Somewhat limited Depth to saturated zone	0.98	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.98
Tomotley	3	Not Rated		Not Rated		Not Rated	
Nimmo	2	Not Rated		Not Rated		Not Rated	
4A:							
Bohicket	80	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00
Johnston	5	Not Rated		Not Rated		Not Rated	
Mattan	4	Not Rated		Not Rated		Not Rated	
Lanexa	3	Not Rated		Not Rated		Not Rated	
5A:							
Bojac	75	Not limited		Somewhat limited Depth to saturated zone	0.15	Not limited	
6B:							

Table ENG-3. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
6B: Caroline	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.47	Somewhat limited Shrink-swell	0.50
7B: Caroline	40	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.47	Somewhat limited Shrink-swell	0.50
Emporia	35	Not limited		Somewhat limited Depth to saturated zone	0.73	Not limited	
7C: Caroline	40	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.47	Very limited Slope Shrink-swell	1.00 0.50
Emporia	35	Not limited		Somewhat limited Depth to saturated zone	0.73	Very limited Slope	1.00
8A: Catpoint	85	Not limited		Somewhat limited Depth to saturated zone	0.15	Not limited	
9A: Conetoe	80	Not limited		Not limited		Not limited	
10B: Craven	80	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell	0.50
10C: Craven	80	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
11B: Craven	40	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell	0.50

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11B: Caroline	25	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.47	Somewhat limited Shrink-swell	0.50
12B: Craven	40	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell	0.50
Uchee	35	Not limited		Somewhat limited Depth to saturated zone	0.47	Not limited	
13A: Dogue	80	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.07	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.07
Roanoke	5	Not Rated		Not Rated		Not Rated	
14A: Dragston	80	Somewhat limited Depth to saturated zone	0.81	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.81
Nimmo	5	Not Rated		Not Rated		Not Rated	
Tomotley	3	Not Rated		Not Rated		Not Rated	
15B: Emporia	80	Not limited		Somewhat limited Depth to saturated zone	0.73	Not limited	
16A: Johnston	85	Very limited Flooding Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Ponding	1.00 1.00 1.00
Bohicket	3	Not Rated		Not Rated		Not Rated	
Lanexa	3	Not Rated		Not Rated		Not Rated	
Nimmo	3	Not Rated		Not Rated		Not Rated	
Tomotley	2	Not Rated		Not Rated		Not Rated	

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17B:							
Kempsville	80	Not limited		Not limited		Not limited	
18B:							
Kempsville	80	Not limited		Not limited		Not limited	
19B:							
Kempsville	50	Not limited		Not limited		Not limited	
Emporia	30	Not limited		Somewhat limited Depth to saturated zone	0.73	Not limited	
19C:							
Kempsville	50	Not limited		Not limited		Very limited Slope	1.00
Emporia	30	Not limited		Somewhat limited Depth to saturated zone	0.73	Very limited Slope	1.00
20B:							
Kempsville	45	Not limited		Not limited		Not limited	
Suffolk	30	Not limited		Not limited		Not limited	
21A:							
Lanexa	80	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00
Johnston	4	Not Rated		Not Rated		Not Rated	
Mattan	4	Not Rated		Not Rated		Not Rated	
Bohicket	3	Not Rated		Not Rated		Not Rated	
22A:							
Mattan	85	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00
Lanexa	5	Not Rated		Not Rated		Not Rated	
23A:							

Table ENG-3. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23A:							
Munden	85	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
24A:							
Nawney	75	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
Tomotley	4	Not Rated		Not Rated		Not Rated	
Johnston	3	Not Rated		Not Rated		Not Rated	
Mattan	3	Not Rated		Not Rated		Not Rated	
Nimmo	3	Not Rated		Not Rated		Not Rated	
Lanexa	2	Not Rated		Not Rated		Not Rated	
25A:							
Nawney	75	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00
Tomotley	4	Not Rated		Not Rated		Not Rated	
Johnston	3	Not Rated		Not Rated		Not Rated	
Mattan	3	Not Rated		Not Rated		Not Rated	
Nimmo	3	Not Rated		Not Rated		Not Rated	
Lanexa	2	Not Rated		Not Rated		Not Rated	
26D:							
Nearc	40	Somewhat limited Shrink-swell Slope Depth to saturated zone	0.50 0.37 0.07	Very limited Depth to saturated zone Shrink-swell Slope	1.00 0.50 0.37	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.07
Remlik	35	Somewhat limited Slope	0.37	Somewhat limited Slope Depth to saturated zone	0.37 0.15	Very limited Slope	1.00

26E:

Table ENG-3. - Building Site Development - Continued

New Kent County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26E:							
Nevarc	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Depth to saturated	1.00	Shrink-swell	0.50
		Depth to saturated zone	0.07	zone Shrink-swell	0.50	Depth to saturated zone	0.07
Remlik	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to saturated zone	0.15		
26F:							
Nevarc	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Depth to saturated	1.00	Shrink-swell	0.50
		Depth to saturated zone	0.07	zone Shrink-swell	0.50	Depth to saturated zone	0.07
Remlik	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to saturated zone	0.15		
27A:							
Nimmo	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Tomotley	4	Not Rated		Not Rated		Not Rated	
Nawney	3	Not Rated		Not Rated		Not Rated	
28B:							
Norfolk	85	Not limited		Somewhat limited		Not limited	
				Depth to saturated zone	0.15		
29B:							
Orangeburg	85	Not limited		Not limited		Not limited	
30A:							
Pamunkey	85	Not limited		Not limited		Not limited	
30B:							
Pamunkey	85	Not limited		Not limited		Not limited	
31A:							

Table ENG-3. - Building Site Development - Continued

New Kent County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
31A:							
Roanoke	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Tomotley	5	Not Rated		Not Rated		Not Rated	
32A:							
Seabrook	80	Not limited		Somewhat limited		Not limited	
				Depth to saturated zone	0.95		
Nimmo	3	Not Rated		Not Rated		Not Rated	
Tomotley	2	Not Rated		Not Rated		Not Rated	
33A:							
Slagle	80	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.07	Depth to saturated zone	1.00	Depth to saturated zone	0.07
34B:							
Slagle	50	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.07	Depth to saturated zone	1.00	Depth to saturated zone	0.07
Emporia	35	Not limited		Somewhat limited		Not limited	
				Depth to saturated zone	0.73		
35A:							
State	80	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
				Depth to saturated zone	0.15		
36B:							
Suffolk	80	Not limited		Not limited		Not limited	
37A:							
Tarboro	85	Not limited		Not limited		Not limited	
38A:							
Tetotum	80	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
Roanoke	5	Not Rated		Not Rated		Not Rated	

39A:

Table ENG-3. - Building Site Development - Continued

New Kent County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
39A:							
Tomotley	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Johnston	3	Not Rated		Not Rated		Not Rated	
Nawney	2	Not Rated		Not Rated		Not Rated	
40B:							
Uchee	85	Not limited		Somewhat limited Depth to saturated zone	0.47	Not limited	
41B:							
Udorthents	80	Not Rated		Not Rated		Not Rated	
42A:							
Wahee	85	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
Roanoke	3	Not Rated		Not Rated		Not Rated	
Tomotley	2	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	